

1           1.    A method comprising:  
2                receiving an indication of a selected portion of  
3   a first display frame of a sequence of video frames;  
4                receiving an indication of a selected portion of  
5   a second display frame of said sequence, said first and  
6   second display frames separated by intervening video  
7   frames; and  
8                automatically interpolating a difference related  
9   to said selected portions of said first and second display  
10 frames over said intervening frames.

1           2.    The method of claim 1 wherein automatically  
2   interpolating a difference includes automatically  
3   interpolating between the position of the selected portion  
4   of the first selected frame and the position of the  
5   selected portion of the second selected frame.

1           3.    The method of claim 1 wherein automatically  
2   interpolating a difference includes automatically  
3   interpolating between the size of the selected portion of  
4   the first display frame and the size of the selected  
5   portion of the second display frame.

1           4.    The method of claim 1 including enlarging the  
2   selected portion of the first and second display frames.

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1           5.    The method of claim 1 including creating a series  
2 of thumbnail depictions of a sequence of video frames  
3 displayed together as a single display.

1           6.    The method of claim 1 including overlaying an  
2 image of a window to create said indications of said  
3 selected portions.

1           7.    The method of claim 1 wherein automatically  
2 interpolating includes automatically linearly interpolating  
3 a difference between said first and second display frames.

1           8.    The method of claim 1 wherein automatically  
2 interpolating includes automatically creating a panning  
3 effect between said selected portion of the first display  
4 frame and the selected portion of said second display  
5 frame.

1           9.    The method of claim 1 wherein automatically  
2 interpolating includes automatically creating a zoom effect  
3 between the selected portion of the first display frame and  
4 the selected portion of the second display frame.

1           10.   The method of claim 9 including automatically  
2 creating a pan effect between said selected portion of said

3 first display frame and the selected portion of said second  
4 display frame.

1 11. An article comprising a medium for storing  
2 instructions that cause a processor-based system to:  
3 receive an indication of a selected portion of a  
4 first display frame of a sequence of video frames;  
5 receive an indication of a selected portion of a  
6 second display frame of said sequence, said first and  
7 second display frames separated by intervening video  
8 frames; and  
9 automatically interpolate a difference related to  
10 said selected portions of said first and second display  
11 frames over said intervening frames.

1 12. The article of claim 11 further storing  
2 instructions that cause a processor-based system to  
3 automatically interpolate between the position of the  
4 selected portion of the first selected frame and the  
5 position of the selected portion of the second selected  
6 frame.

1 13. The article of claim 11 further storing  
2 instructions that cause a processor-based system to  
3 automatically interpolate between the size of the selected

4 portion of the first display frame and the size of the  
5 selected portion of the second display frame.

1 14. The article of claim 11 further storing  
2 instructions that cause a processor-based system to enlarge  
3 the selected portion of the first and second display  
4 frames.

1 15. The article of claim 11 further storing  
2 instructions that cause a processor-based system to create  
3 a series of thumbnail depictions of a sequence of video  
4 frames displayed together as a single display.

1 16. The article of 11 further storing instructions  
2 that cause a processor-based system to overlay an image of  
3 a window to create said indications of said selected  
4 portions.

1 17. The article of claim 11 further storing  
2 instructions that cause a processor-based system to  
3 automatically linearly interpolate a difference between  
4 said first and second display frames.

1 18. The article of claim 11 further storing  
2 instructions that cause a processor-based system to  
3 automatically create a panning effect between said selected

4 portion of a first display frame and the selected portion  
5 of said second display frame.

1 19. The article of claim 11 further storing  
2 instructions that cause a processor-based system to  
3 automatically create a zoom effect between the selected  
4 portion of the first display frame and the selected portion  
5 of the second display frame.

1 20. The article of claim 19 further storing  
2 instructions that cause a processor-based system to  
3 automatically create a panning effect between said selected  
4 portion of said first display and the selected portion of  
5 said second display frame.

1 21. A system comprising:  
2 a processor; and  
3 a storage coupled to said processor, said storage  
4 storing software that causes said system to receive an  
5 indication of a selected portion of a first display frame  
6 of a sequence of video frames, receive an indication of a  
7 selected portion of a second display frame of said  
8 sequence, said first and second display frames separated by  
9 intervening video frames and automatically interpolate a  
10 difference related to said selected portions of said first  
11 and second display frames over said intervening frames.

1           22. The system of claim 21 including a display  
2 coupled to said processor.

1           23. The system of claim 22 wherein said storage  
2 stores a graphical user interface which displays a video  
3 sequence as a series of thumbnail frames.

1           24. The system of claim 23 wherein said graphical  
2 user interface displays a beginning and ending frame as a  
3 thumbnail and displays representative intervening frames  
4 between said beginning and ending frame.

1           25. The system of claim 21 wherein said software  
2 causes said system to automatically interpolate between the  
3 position of the selected portion of the first selected  
4 frame and the position of the selected portion of the  
5 second selected frame.

1           26. The system of claim 21 wherein said software  
2 causes said system to automatically interpolate between the  
3 size of the selected portion of the first display frame and  
4 the size of the selected portion of the second display  
5 frame.

1        27. The system of claim 21 further storing software  
2 that enables a user to indicate a portion of a video frame  
3 to be enlarged by drawing a rectangle over said portion.

1        28. The system of claim 27 wherein said software  
2 automatically enlarges the selected portion of the first  
3 and second display frames.

1        29. The system of claim 21 wherein said software  
2 automatically linearly interpolates a difference between  
3 said first and second display frames.

1        30. The system of claim 21 wherein said software  
2 automatically selectively adds a panning and zooming effect  
3 to stored video frames.